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32	63:0	gas with detector with tube	USOCR	2002/06/03 14:49
33	12899	gas and tube and (indicator or smoke or	USOCR	2002/06/03 14:51
		stannic)		
34	1661	gas and tube and (indicator or smoke or	USOCR	2002/06/03 14:52
		stannic) and detector	i	
35	440	gas and tube and (indicator or smoke or	USOCR	2002/06/03 14:59
		stannic) and detector and (pump or bulb or		
1		squeeze)		
36	6	((pipet or pipette) near5 (plastic)) same	USOCR	2002/06/03 15:00
		glass same bulb		
38	3	("3309188").PN.	USPAT;	2002/06/03 15:02
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37	11	((pipet or pipette) near5 (plastic)) same	USPAT;	2002/06/03 15:04
		glass same bulb	EPO; JPO;	
			DERWENT;	
			IBM TDB	

DERWENT-ACC-NO: 1998-581633

DERWENT-WEEK: 199849

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TITLE: Detector tube for gas concentration determination in grain storage plants - has cylinder with sealing elements and powder indicator placed between

two limiters

INVENTOR: ARYAMKIN, A A; TIKHONOVA, L A

PATENT-ASSIGNEE: MALAKHIT CO LTD[MALAR]

PRIORITY-DATA: 1996RU-0119521 (September 30, 1996)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES

MAIN-IPC

RU 2110789 C1 May 10, 1998 N/A 003 G01N

021/78

APPLICATION-DATA:

 PUB-NO
 APPL-DESCRIPTOR
 APPL-NO
 APPL-DATE

 RU 2110789C1
 N/A
 1996RU-0119521
 September 30,

1996

INT-CL_(IPC): G01N021/78; G01N031/22

ABSTRACTED-PUB-NO: RU 2110789C

BASIC-ABSTRACT: Detector tube consists of the cylinder (1) made of glass or transparent plastic and open at both sides. The dismantlable sealing elements (2) are positioned at both ends of the cylinder.

Caps or pistons can be used as the sealing elements. The powder indicator (3) placed in the cylinder is spread between two limiters (4). One of the limiters is made of the polymeric grid (4a) and the plug with the opening (4b). The substance (5) activating the indicator composition is placed in one of the sealing elements (2). One or two scales are applied on the cylinder (1). When the component being analyzed is present in the air the indicator changes colour at the side of gas inlet. The length of the coloured section on a scale represents the component concentration in air.

 \mbox{USE} - \mbox{USE} - in grain storage or processing plants and also in chemical and pharmaceutical industries.

ADVANTAGE - ADVANTAGE - determination accuracy and sensitivity are increased.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS:

DETECT TUBE GAS CONCENTRATE DETERMINE GRAIN STORAGE PLANT CYLINDER SEAL ELEMENT

POWDER INDICATE PLACE TWO LIMIT

DERWENT-CLASS: S03

EPI-CODES: S03-E04E; S03-E09E;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-453016

06/03/2002, EAST Version: 1.03.0002

